**Core Message and Hypothesis:**

* We hypothesize that wildfire outbreaks are related to climate patterns (temperature, humidity, etc.)

**Questions we are asking:**

* Where do the most wildfires occur in the United States?
  + How to answer question:
    - Take every csv file and merge it
    - We do totals based on state and create a data frame
    - Bar chart adjusted to show which states have the most states
* Where in [California] do the wildfires occur?
  + How to answer question:
    - Filter all data to include California only
    - Do a heat map on the map of California
* What are the different causes of these wildfires?
  + Do a pie chart to determine percentage of each type of wildfire
* Are there historic trends with wildfires? (i.e. have they been on the rise?)
  + Basic line graph
* Are there bigger fires (sized) in certain regions of California?
  + Bubble map on the map of California with the bubbles reflecting the size of the fires
  + Plot on the entire map of California, to see if certain regions have larger fire sizes
* Do wildfires tend to occur more at a specific time of year?
  + Do a line graph of total fires for every month, in a given year

**How to merge the data frame**:

* Merge all 8 csv files into one data frame
* Use the merge function to merge on the “State” index, to get a data frame with all the states in one column